ARIZONA DEPARTMENT OF WATER RESOURCES

WATER MANAGEMENT DIVISION
MAIL TO: P.O. BOX 458, PHOENIX, ARIZONA 85001-0458
3550 North Central Avenue, Phoenix, Arizona 85012
Phone (602) 771-8585 Fax (602) 771-8688

APPLICATION FOR PERMIT TO WITHDRAW GROUNDWATER FOR MINERAL EXTRACTION & METALLURGICAL PROCESSING WITHIN AN ACTIVE MANAGEMENT AREA (A.R.S. § 45-514)

FOR DEPARTMENT USE ONLY

Application/Permit No._____

Filed_____

AMA_____

S/B_____ W/S_____

I. INSTRUCTIONS:

1. **COMPLETE ALL APPROPRIATE ITEMS ON THIS APPLICATION AND SIGN IN DESIGNATED PLACE.**
2. **Mail to P.O. Box 458, Phoenix, Arizona 85001-0458 or deliver in person to 3550 North Central Avenue, Phoenix, Arizona 85012.**
3. **Pursuant to A.R.S. § 45-113 the application fee is $150.00 and the permit fee is $50.00. The permit fee will be requested prior to issuance of permit.**
4. **USE EXPLANATORY SECTION ON BACK FOR CLARIFICATION.**
5. **Use this form for sand and gravel operations.**

II. GENERAL DATA

□ **New Application**

□ **Renewal of Permit No._____**

□ **Modification of Permit No. _____**

1. **Name of Applicant** _____

_____

Mailing Address

_____

City State Zip Phone Number

2. **Active Management Area:**_____ **Sub-basin:** _____

3. **Name of owner of land where groundwater will be withdrawn:** _____

_____

Mailing Address City State Zip Phone Number

4. **Legal description of land where groundwater will be used:**_____

5. **Name of owner of land where groundwater will be used if different from No. 3:**_____

_____

Mailing address City State Zip Phone Number

6. **Specific purpose for which the groundwater will be withdrawn:**_____

_____

7. **Total annual volume of groundwater for which this application is being made:**_____**acre feet per year for**

_____ **years.** ***SUPPORTING DOCUMENTATION MUST BE PROVIDED.***

8. **Are uncommitted municipal and industrial CAP water, other surface water, or effluent of adequate quality available at the point where the operator's wellhead or distribution system would otherwise be? _____ If so, state the cost of each type of water available.**

_____

9. **Has applicant previously been granted a dewatering permit?_____ If so, what is the amount of groundwater available to the applicant under the terms of the permit?_____ Permit #:_____**

10. **Identify any type 2 non-irrigation rights owned or controlled by the applicant:**

_____

_____

11. **Groundwater to be withdrawn by means of:**

A. Wells already in existence:

Registration Number	Location	Depth	Diameter of Casing	Casing Material
55-_____	_____	_____	_____	_____
55-_____	_____	_____	_____	_____

B. New wells: Complete and attach new well supplement, DWR Form 55-90, for each new well.

EXPLANATORY:_____

_____

_____

_____

_____

_____

It is understood that the Permit, if granted, will be in accordance with the Groundwater Management Code, Title 45, Chapter 2. The permittee will be bound by the provisions of such law and the provisions of the Permit issued.

I (we),_____ hereby swear that all information provided in this application
(print name) is true and correct to the best of my/our knowledge and belief.

Signature of Applicant(s)_____ Date_____

Mineral Extraction and Metallurgical Processing
Water Use Supplemental Information Form
Sand and Gravel/Concrete Products Forms

This form should be completed and submitted along with an application for groundwater withdrawal permit filed pursuant to A.R.S. § 45-514 (Mineral Extraction and Metallurgical Processing Permit).

I. Production Related Information

A. Plant name and location: _____
(Please fill out one form per plant.) _____
_____

B. Please list any Certificate of Grandfathered Groundwater Right numbers and Groundwater Withdrawal Permits currently held. Indicate the allotment with each groundwater right.

Groundwater Right/Withdrawal Permit Number	Associated Allotment
_____	_____
_____	_____
_____	_____

C. Which of the following products does your firm produce? (Check as appropriate)

Sand and gravel _____
Redi mix concrete _____
Asphalt _____
Block _____
Brick _____
Precast Concrete _____
Portland Cement _____
Other (specify) _____

II. Water Use Information

A. 1. Are your wells metered for water flow? _____
2. Is electricity metered at each well? _____
3. Is electricity metered for the wells in aggregate? _____
4. Are the wells equipped with hour meters? _____
5. Well information:

Well Registration#	Well Location	Uses	Land Owner of Parcel Well is on	Pump Capacity (GPM)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

6. What is your projected water use per year? _____

7. Water recycled per day in gallons: _____ gallons.

8. Days worked in year indicated above: _____ days.

9. Average hours worked per day in year indicated above: _____ hours.

Complete information requested, where applicable, based on the projected water use above.

10. Washing of Sand and Gravel

Gallons per minute required by material washers			Average hours worked per day		Days worked per year washing		Total water used per year S&G washing
_____	x 60 Min/Hr	x	_____	x	_____	=	_____

11. Redi Mix Concrete

Gallons required per cubic yard		Cubic yards produced in year		Total water used per year Redi mix
_____	x	_____	=	_____

12. Truck Washing

Gallons required per truck for wash		Average number of trucks used per day		Days worked per year		Total Water used per year truck wash
_____	x	_____	x	_____	=	_____

13. Asphaltic Concrete Pollution Control

GPM required by system (make up water)			Hours used per day		Days worked per year		Total water used per year, pollution control
_____	x 60 Min/Hr	x	_____	x	_____	=	_____

14. Dust Control

Gallon capacity of water truck		Number of loads per day		Days worked per year		Total water used per year, dust control
_____	x	_____	x	_____	=	_____

15. Other water uses: _____
_____
_____

16. Summary

Total water used per year S&G wash		Total water used per year Redi mix		Total water used per year truck wash		Total Water used per year pollution control		Total water used per year dust control
_____	+	_____	+	_____	+	_____	+	_____

	Total water used per year for other uses		Total water used all activities per year
+	_____	=	_____

17. Recycled Water

Water recycled per day		Days per year used		Total water recycled per year
_____	x	_____	=	_____

18. Withdrawal Permit Amount

Total water used all activities per year		Total water recycled per year		Total allotments of other held rights/permits		Total withdrawal permit amount requested
_____	-	_____	-	_____	=	_____

III. Water Conservation Information:

Method of wash water disposal: _____
_____

Is dredging used for pond maintenance? How often is dredging done?
_____
_____
_____

Is any wash water reused? _____

For what purpose? _____
_____
_____
_____

Will water be decanted or filtered? _____
_____
_____

Maximum capacity of decant system (gpm): _____

Approximately what percent of plant supply is/will be obtained from reused wash water?
_____
_____

IV. Does the firm have any future plans for expansion or relocation? Please describe:
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____